

# PATENT ABSTRACTS OF JAPAN

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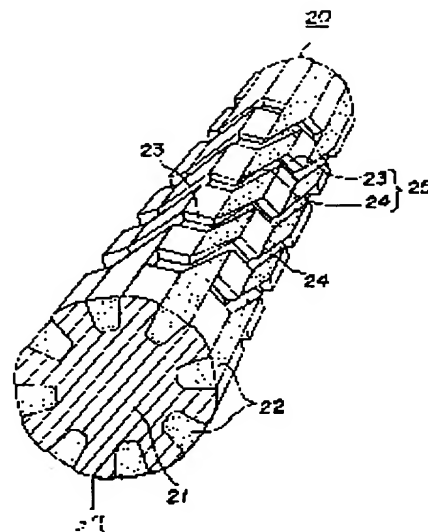
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## (54) INTERMITTENT FEEDING MEMBER AND MANUFACTURE THEREOF

### (57)Abstract:

**PURPOSE:** To enhance the feeding accuracy by forming feed grooves on a shafting member from straight grooves and a resin to couple them together aslant.

**CONSTITUTION:** A shafting member 20 is formed from a metal material 21 such as stainless steel and a resin 22 with excellent anti-abrasiveness and self-lubricating performance such as polyphenylene oxide. A number of straight grooves 23 divided by said metal material 21 and feed grooves 24 divided by the resin 22 are provided at the periphery of this shafting member 20. Eight sections of straight grooves 23 are formed at a constant spacing circumferentially, while the feed grooves 24 are arranged in positions so as to couple the former mentioned together aslant, and these grooves 23, 24 constitute a plurality of spiral grooves 25. Use of this type of feed screw enables intermittent feeding with high accuracy.



## LEGAL STATUS

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